

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ENSEMB.032AAPPLICATION NO.
09/708,195

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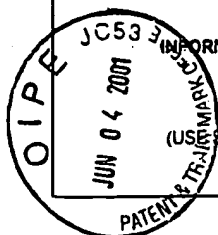
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APPLICANT
Smith et al.

JUN 7 2001

FILING DATE
November 3, 2000GROUP
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|----|-----------------|----------|----------------------|-------|----------|---------------------------------|
| K | 1 | 3,949,404 | 04/08/76 | Fletcher, et al. | | | |
| | 2 | 4,495,619 | 01/22/85 | Acampora | | | |
| | 3 | 5,297,144 | 03/22/94 | Gilbert, et al. | | | |
| | 4 | 5,420,851 | 05/30/95 | Seshadri, et al. | | | |
| | 5 | 5,444,698 | 08/22/95 | Kito | | | |
| | 6 | 5,511,082 | 04/23/98 | How, et al. | | | |
| | 7 | 5,615,212 | 03/25/97 | Ruszczky, et al. | | | |
| | 8 | 5,638,371 | 08/10/97 | Raychaudhuri, et al. | | | |
| | 9 | 5,638,374 | 08/10/97 | Heath | | | |
| | 10 | 5,675,573 | 10/07/97 | Karol, et al. | | | |
| | 11 | 5,751,708 | 05/12/98 | Eng, et al. | | | |
| | 12 | 5,768,254 | 08/16/98 | Papadopoulos, et al. | | | |
| | 13 | 5,828,695 | 10/27/98 | Webb | | | |
| | 14 | 5,859,619 | 01/12/99 | Wu, et al. | | | |
| | 15 | 5,890,055 | 03/30/99 | Chu, et al. | | | |
| | 16 | 6,006,069 | 12/21/99 | Langston | | | |
| | 17 | 6,016,311 | 01/18/00 | Gilbert, et al. | | | |
| | 18 | 6,016,313 | 01/18/00 | Foster, Jr., et al. | | | |
| | 19 | 6,038,455 | 03/14/00 | Gardner, et al. | | | |
| | 20 | 6,094,421 | 07/25/00 | Scott | | | |
| K | 21 | 6,112,080 | 08/29/00 | Anderson, et al. | | | |

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JUN 26 2001

Technology Center 2600

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|---------------------|---|
| K | 22 Lin., et al., "Error Control Coding, Fundamentals and Applications", Prentice-Hall Computer Applications in Electrical Engineering Series., 1993, pages 315-349. |
| I | 23 L.H. Charles Lee, "Convolutional Coding, Fundamentals and Applications", Artech House, Inc., 1997, p. 11-51. |
| I | 24 Redl, et al., "An Introduction to GSM", Artech House, Inc., 1995, pages 84, 85 and 95. |
| K | 25 C.E. Shannon, "A Mathematical Theory of Communication", Bell System Technical Journal, pp. 379-423 (Part I), 623-656 (Part II), 7/1948. |

EXAMINER

Kevin Kim

DATE CONSIDERED

10/27/2004

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO. ENSEMB.032A | RECEIVED JUN 26 2001 | APPLICATION NO. 09/708,195 |
| | APPLICANT Smith et al. | Technology Center 2600 | RECEIVED JUN 7 2001 |
| | FILING DATE November 3, 2000 | GROUP 2188 | Technology Center 2100 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--|-----------------|------|------|-------|----------|---------------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | |
|---------------------|--|---|--|--|--|--|--|
| K | 26 | Ulm., et al., "Data-Over-Cable Interface Specifications, Radio Frequency Interface Specification", Hewlett Packard Interim Specification, Doc. Control No.: SP-RFI01-970321, published 3-21-97 by MCNS Holdings, L.P., Section 8, pgs. 43-85. | | | | | |
| K | 27 | Wolf, et al., "On the Weight Distribution of Linear Block Codes Formed From Convolutional Codes", IEEE, IEEE Transactions on Communications, Vol. 44:9, September 1998. | | | | | |
| C | 28 | "Asynchronous Transfer Mode (ATM) Technical Overview", 2nd Edition, Prentice Hall, October 1995, Chapter 3, pp. 21-25. | | | | | |
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| EXAMINER | Kevin Kim | DATE CONSIDERED | 10/27/2004 |
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